

Later: He does not vomit his food, but takes it only by dint of forcing and coaxing. Could not pass urine during the day. As he opposes violently the introduction of the catheter, he is tried in the sitting posture, and then succeeds with difficulty in emptying his bladder. Pupils variable; at times small and not responsive; again dilated and responsive. Pulse, a.m., 74, p.m., 70, irregular. Temperature $98\frac{1}{2}^{\circ}$. Condition in other respects much as before. As his own and family history were gathered with difficulty in scraps, it is presented nearly in the way obtained.

Sept. 12. A very large dose of Ol. Ric. moved the bowels; stool passed in bed; moderate doses of chloral control restlessness; pupils do not respond readily to light; urine examined—not albuminous. Temperature a.m., $99\frac{1}{2}^{\circ}$, p.m., 100° . Pulse a.m., 74, p.m., 70, irregular. A sister who does not live at home states that the boy has been employed in a tobacco factory “to stem”; both parents drink; take his earnings, and often the unfortunate youth has gone to work in the morning without victuals at all—this state of things having existed for some time. She thinks her brother had considerable fever for a few days (was ill from seven to ten days before admission); had now and then complained of his head, especially of pain in the crown for some time, but for the period specified above this was the most marked symptom. He has been losing flesh and failing for some little time—she cannot say how long—at least for six (6) weeks. All of importance that can be learned of the family history is that her mother's brother died of phthisis, and one brother died in infancy (nine months)—cause unknown. “He seemed to pine away.”

Sept. 13. General condition much as yesterday; takes nourishment fairly. Left pupil more dilated than the right. Temperature, a.m., 98° ; pulse, a.m., 100° , small; p.m., 66° , irregular. Bowels moved once by a purgative chloral, grs. xv, at night.

Sept. 14. Did not rest well; pupils as yesterday. Respiration when closely watched found to approximate the Cheynes-Stokes type.

Sept. 15. General condition much as before, but inclining to stupidity; he whines but little; this state of things taken advantage of

to examine the lungs more carefully. Dulness on percussion in both infra-clavicular spaces. Pulse, a.m., 75° , irregular, strong; temperature, a.m., 98° , p.m., $99\frac{1}{2}^{\circ}$. Pulse and respiration more regular in sleep. Had no chloral last night—did not sleep—very restless. Night nurse reports that he pulled his shirt completely off four times.

Conversed with another sister of the patient's to-day, who confirms the statements of her sister, and lays stress on the extent to which the boy has been subjected to hardships—the patient has been plainly suffering from partial and continued starvation.

Sept. 16. Saw patient early this morning. The eyes were then drawn to one side; the head retracted; mental condition inclining to stupidity. Motion of bowels without purgative, passed in bed as were all his motions. Urine voided with difficulty: shows no albumen in testing. Pupils this morning as before (right contracted, left dilated); in evening both equally and widely dilated. Towards evening the patient brightens up, but is still delirious; is constantly picking at the bedclothes, or moving his hands in the air, as if catching at objects he sees; movements sometimes seem perfectly aimless; holds firmly any object he grasps; twitchings of upper extremities and mouth noticed. Temperature, a.m., $98\frac{1}{2}^{\circ}$, p.m., 98° ; pulse, a.m., 88° , regular, p.m., 92° , regular.

Sept. 17. Pupils equally and moderately dilated; eyelids half-closed, showing the sclerotics; eyes seem rolled up and somewhat fixed; retraction of head continues; trismus for a few hours; twitchings, &c., most worked in upper extremities; very little fretfulness; considerable stupor. As he has passed only about 2.4 oz. of urine in 24 hours, two pints were drawn off with the catheter, bladder was ascertained to be distended by percussion (absence of paralysis). No chloral given last night; did not sleep well. Temperature, a.m., $99\frac{1}{2}^{\circ}$; p.m., 100° .

Sept. 18. Condition in most respects as yesterday; urine drawn off as before; catheter resisted at the neck—when resistance yielded the instrument enters suddenly (spasm of neck). Stupor continues. Temperature, $100\frac{1}{2}^{\circ}$ a.m.